

HYDRAULIC FILLING VALVES type **ARF**

TABLE AC-350
(Provisional 04-2015)

- ❑ Pilot operated, flange type
- ❑ Maximum operating pressure: 400bar
- ❑ Maximum flow rate: 160 ÷ 4000 l/min
- ❑ Suitable for mineral oil according to ISO 18/15 filtration class or better. Recommended viscosity range: 10 to 60cSt



SYMBOL	ORDERING CODE	
	ARF-125	
	ARF	Filling valve flange type, pilot operated
	125	Nominal size: 32 – DN32 1-1/4" 40 – DN40 1-1/2" 50 – DN50 2" 63 – DN63 2-1/2" 80 – DN80 3" 100 – DN100 4" 125 – DN125 5" 160 – DN160 6"

PERFORMANCE DATA									
CODE	Size	Max flow (l/min)	Max press. (bar)	Pilot ratio	Decompr. ratio	Pilot pressure (bar)	Suction opening pressure (bar)	Pilot volume (cm³)	Mass (kg)
ARF-32	DN-32	160	400	3,6 : 1	1 : 5	8	± 0,13	1,22	1,2
ARF-40	DN-40	250		3,9 : 1				2,36	1,7
ARF-50	DN-50	400		4,2 : 1				4,91	2,5
ARF-63	DN-63	600		4,3 : 1				8,13	3,5
ARF-80	DN-80	1000						12,72	5,2
ARF-100	DN-100	1600						28,63	12
ARF-125	DN-125	2500						67,86	20
ARF-160	DN-160	4000						142,39	42

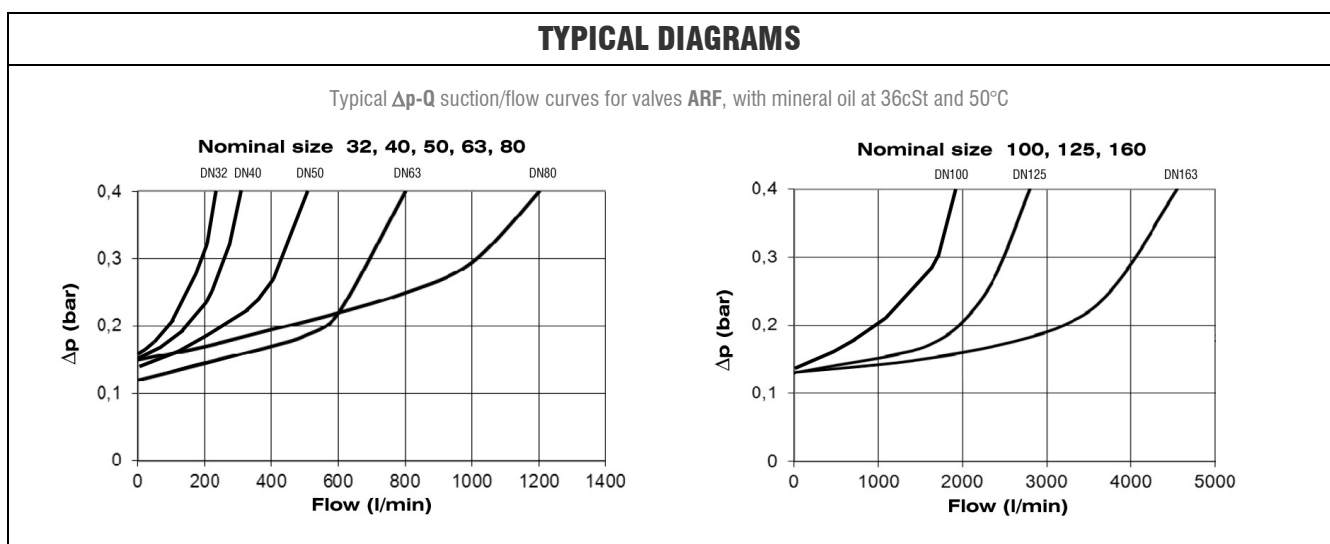
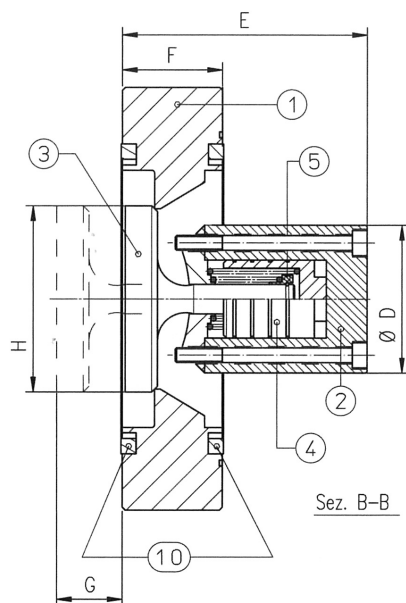
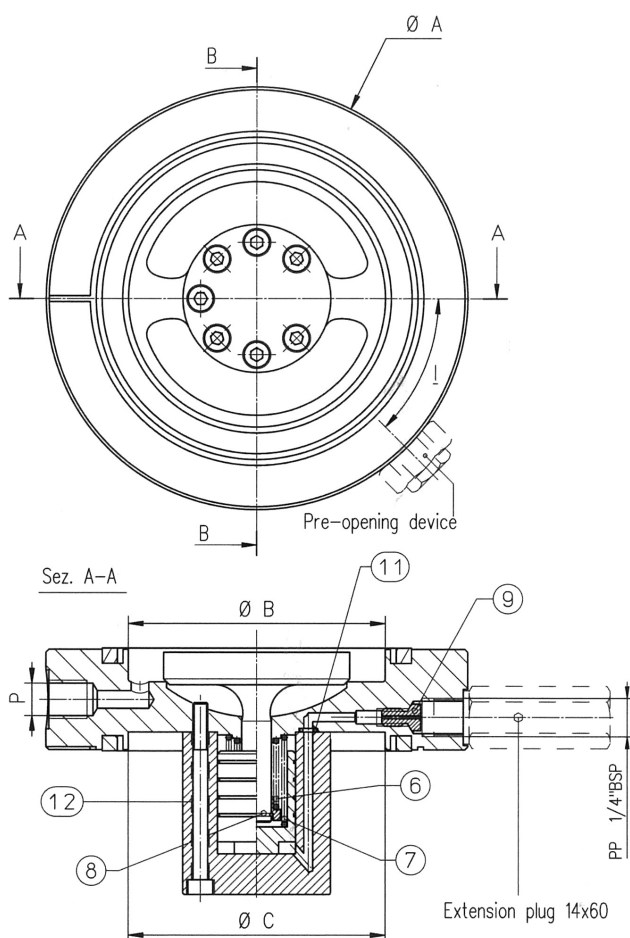


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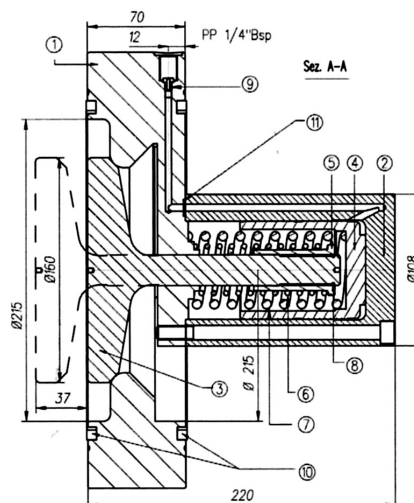
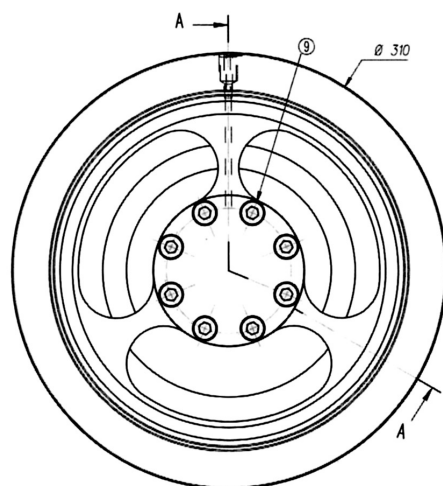
OVERALL DIMENSIONS



Pos.	Description
1	Body
2	Pilot piston housing
3	Poppet
4	Pilot piston
5	Spring locking cap
6	Poppet return spring
7	Pilot piston return spring
8	Locking ring
9	Pilot nozzle
10	Seal
11	Seal
12	Screw

CODE	A	B	C	D	E	F	G	H	I	P (BSP)
ARF-32	93	43	43	32	55	27	8,2	32	60°	1/4"
ARF-40	108	58	58	39	60	28	8,9	41,5	45°	
ARF-50	128	73	73	45	72	29	12,9	53		
ARF-63	143	87	87	50	83	34	13,4	63		
ARF-80	169	107	107	56	98	38,5	17,8	80		
ARF-100	212	130	130	70	118	44	23,4	100	-	3/8"
ARF-125	248	168	151	88	154	51	27,4	127		

ARF-160



Subject to technical and dimensional changes without notice